

Yorkshire Dales National Park

Forecast valid from 00:00 on Monday 02 Oct 2023 until 23:59 on Tuesday 03 Oct 2023

Forecast Issued on Sunday 01 Oct 2023 at 14:12

Confidence: Medium due to movement and position of a waving weather front during Monday.

Headline for Monday 02 Oct 2023: Cloudy. Patchy rain at times.

Mountain weather hazards on Monday 02 Oct 2023

Blizzards

No Likelihood

Gales

No Likelihood

Thunderstorms

No Likelihood

Heavy persistent snow

No Likelihood

Severe chill effect

No Likelihood

Heavy persistent rain

No Likelihood

Storm force winds

No Likelihood

Poor visibility

Low Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m

Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Mist	Fog	Mist	Cloudy	Cloudy	Light rain	Cloudy	Cloudy
Precipitation probability							
20%	20%	10%	20%	40%	50%	30%	20%

Forecast for Monday 02 Oct 2023

Weather: Mainly dry overnight, some clear spells with the chance of isolated showers. Rather cloudy during the day with bright spells and patchy rain or showers.

Chance of cloud-free hill tops above 600m: 70%.

Low Cloud and visibility: Mainly no significant cloud, but occasional or patchy cloud around the tops, mainly early and late in day. Visibility mostly good or very good, but moderate in any rain, and poor or very poor in any cloud over the tops.

Forecast for Monday 02 Oct 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/19 SW	13/19 SW	10/15 SW	11/16 SW	13/19 SW	11/17 SW	7/11 SW	6/10 SW	8/13 W
300	8/17 SW	8/17 SW	4/13 W	5/12 SW	9/16 SW	8/14 SW	4/9 SW	3/7 S	4/11 W
Valley	6/16 SW	4/13 SW	2/8 SW	4/9 SW	9/17 SW	7/14 SW	4/10 SW	3/8 SW	2/8 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/8	10/8	10/7	10/7	10/8	10/8	9/7	8/7	8/6
300	13/11	12/11	10/10	12/12	13/12	12/11	10/10	10/9	10/9
Valley	14/13	13/13	12/11	14/13	15/13	14/13	12/11	11/11	11/10
Freezing Level*	2100m	2000m	1700m	1600m	1600m	1700m	1700m	1700m	1700m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Some uncertainty in rain details due to slow moving, waving weather front.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sun 01 Oct 2023	15.4mm	16.2mm	17.4mm

Forecast for Tuesday 03 Oct 2023

Weather: Rather cloudy with patchy rain or showers overnight. Occasional summit cloud and showers during daylight hours with some drier and brighter spells.

Maximum wind: West 25mph gusts 35 to 40mph.

Chance of cloud-free hill tops above 600m: 70%

Low Cloud and visibility: Occasional or extensive cloud, base near or above the tops. Visibility good or very good, falling moderate or poor in showers and any summit cloud.

Temperature: **Valleys:** Plus 8 to 16 Celsius.
At 600m: Plus 6 to 8 Celsius.
Freezing level: Above the summits.